LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014399.D
Acq On : 28 Feb 2018 12:12
Operator : SJ/JU
Sample : J1646-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.593	100	103	107	rVB	70052	78763	1.54%	0.114%
2	4.675	283	287	289	rBV2	59588	87935	1.72%	0.127%
3	4.699	289	291	297	rVB3	51547	62381	1.22%	0.090%
4	6.716	628	634	647	rBV	407207	857075	16.74%	1.236%
5	6.869	654	660	670	rBV	331354	535549	10.46%	0.773%
6	7.057	686	692	701	rBV	517753	840782	16.42%	1.213%
7	7.516	763	770	781	rBV	491290	781013	15.26%	1.127%
8	8.245	888	894	904	rBV	469498	887705	17.34%	1.281%
9	8.675	961	967	981	rBV	472281	851903	16.64%	1.229%
10	9.392	1082	1089	1101	rBV2	414057	778096	15.20%	1.123%
11	9.934	1175	1181	1194	rBV	497314	1034911	20.21%	1.493%
12	10.286	1233	1241	1246	rBV	671490	1102289	21.53%	1.590%
13	10.339	1246	1250	1258	rVB	107571	178643	3.49%	0.258%
14	10.451	1262	1269	1280	rBV	249259	591153	11.55%	0.853%
15	13.492	1780	1786	1791	rBV3	43749	74389	1.45%	0.107%
16	13.598	1798	1804	1809	rBV	1073037	1481575	28.94%	2.137%
17	13.645	1809	1812	1818	rVB	291919	416186	8.13%	0.600%
18	13.869	1843	1850	1862	rBV	1244522	2048080	40.00%	2.955%
19	14.080	1881	1886	1890	rBV2	56003	80522	1.57%	0.116%
20	14.174	1895	1902	1909	rVV3	890963	1382020	26.99%	1.994%
21	14.239	1909	1913	1919	rVB	117406	182922	3.57%	0.264%
22	14.451	1941	1949	1965	rBV4	205688	570078	11.13%	0.822%
23	14.586	1968	1972	1977	rVB	76994	122299	2.39%	0.176%
24	15.039	2042	2049	2054	rVB5	83138	132978	2.60%	0.192%
25	15.180	2067	2073	2079	rBV	1462585	2075022	40.53%	2.994%
26	15.239	2079	2083	2090	rVB2	138143	229154	4.48%	0.331%
27	15.345	2095	2101	2109	rBV4	206789	414694	8.10%	0.598%
28	15.533	2129	2133	2139	rVB4	57621	100462	1.96%	0.145%
29	15.686	2154	2159	2166	rVB2	55283	114988	2.25%	0.166%
30	15.904	2192	2196	2205	rBV5	76999	158380	3.09%	0.228%
31	16.245	2248	2254	2259	rBV7	53438	110389	2.16%	0.159%
32	16.474	2289	2293	2296	rVV4	42678	59884	1.17%	0.086%
33	16.515	2296	2300	2303	rVB5	38476	55534	1.08%	0.080%
34	16.604	2310	2315	2320	rVB2	114727	177747	3.47%	0.256%

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Title : SVOA CALIBRATION

35	16.692	2322	2330	2336	rVV8	68133	190178	3.71%	0.274%
36	16.757	2336	2341	2349	rVB	111476	199640	3.90%	0.288%
37	16.939	2364	2372	2375	rBV	1134905	1621858	31.68%	2.340%
38	16.980	2375	2379	2384	rVV	2200246	2965842	57.93%	4.279%
39	17.039	2384	2389	2392	rVV2	1553820	2266317	44.27%	3.270%
40	17.068	2392	2394	2400	rVB	475932	642614	12.55%	0.927%
41	17.145	2400	2407	2411	rBV6	57242	124196	2.43%	0.179%
42	17.357	2435	2443	2449	rBV2	183600	382518	7.47%	0.552%
43	17.521	2467	2471	2479	rVB7	58486	134208	2.62%	0.194%
44	17.815	2516	2521	2524	rVV	329333	501237	9.79%	0.723%
45	17.862	2524	2529	2535	rVV2	523597	1042286	20.36%	1.504%
46	17.945	2536	2543	2548	rVV	166389	280135	5.47%	0.404%
47	18.004	2548	2553	2558	rVV2	453174	858993	16.78%	1.239%
48	18.045	2558	2560	2566	rVB	257353	310947	6.07%	0.449%
49	18.127	2569	2574	2580	rBV9	85486	159292	3.11%	0.230%
50	18.215	2585	2589	2594	rVB5	110267	149450	2.92%	0.216%
51	18.321	2603	2607	2612	rBV	232754	304204	5.94%	0.439%
52	18.380	2612	2617	2625	rVB3	217107	391353	7.64%	0.565%
53	18.568	2645	2649	2654	rVB4	78832	118447	2.31%	0.171%
54	18.621	2655	2658	2662	rVV	78441	93011	1.82%	0.134%
55	18.662	2662	2665	2669	rVB2	77962	97370	1.90%	0.140%
56	18.745	2674	2679	2682	rBV2	222018	349033	6.82%	0.504%
57	18.804	2682	2689	2693	rBV7	89258	178236	3.48%	0.257%
58	18.892	2699	2704	2710	rBV2	200781	377805	7.38%	0.545%
59	19.009	2718	2724	2730	rBV	3850340	5119707	100.00%	7.386%
60	19.115	2739	2742	2744	rBV2	78168	95172	1.86%	0.137%
61	19.139	2744	2746	2748	rVV3	85938	107470	2.10%	0.155%
62	19.162	2748	2750	2754	rVB2	123486	126020	2.46%	0.182%
63	19.351	2776	2782	2784	rBV2	2263725	3471764	67.81%	5.009%
64	19.380	2784	2787	2795	rVV	3247220	4071799	79.53%	5.874%
65	19.451	2795	2799	2804	rVV2	184646	276417	5.40%	0.399%
66	19.562	2814	2818	2823	rVB	229595	297311	5.81%	0.429%
67	19.627	2825	2829	2833	rVB	143792	213476	4.17%	0.308%
68	19.703	2838	2842	2849	rVB5	214922	512273	10.01%	0.739%
69	19.845	2861	2866	2867	rBV3	203909	295777	5.78%	0.427%
70	19.880	2868	2872	2877	rVB	419128	666509	13.02%	0.962%
71	19.980	2885	2889	2892	rBV2	265498	308312	6.02%	0.445%

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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Title : SVOA CALIBRATION

72	20.039	2893	2899	2903	rVV2	306480	539346	10.53%	0.778%
73	20.180	2920	2923	2926	rVB	167186	184647	3.61%	0.266%
74	20.221	2927	2930	2934	rVB	186123	246204	4.81%	0.355%
75	20.639	2997	3001	3006	rBV	358310	454492	8.88%	0.656%
76	20.798	3024	3028	3031	rBV2	289636	364135	7.11%	0.525%
77	20.833	3031	3034	3037	rVV	294649	360387	7.04%	0.520%
78	20.868	3037	3040	3048	rVV4	790919	1204338	23.52%	1.737%
79	20.939	3048	3052	3061	rVB	438326	641226	12.52%	0.925%
80	21.145	3082	3087	3092	rBV2	2251479	4432201	86.57%	6.394%
81	21.192	3092	3095	3103	rVB	1570747	1934844	37.79%	2.791%
82	21.303	3111	3114	3121	rBV	276243	409538	8.00%	0.591%
83	21.692	3178	3180	3184	rVB	301496	345741	6.75%	0.499%
84	22.686	3344	3349	3354	rBV	1238185	2655589	51.87%	3.831%
85	23.144	3423	3427	3431	rBV	589337	981221	19.17%	1.416%
86	23.191	3431	3435	3439	rVV	1160819	1961076	38.30%	2.829%
87	23.239	3439	3443	3449	rVB	1234059	1963059	38.34%	2.832%
88	23.327	3453	3458	3463	rBV	768658	1397134	27.29%	2.016%
89	25.497	3823	3827	3838	rVB	576602	1283232	25.06%	1.851%

Sum of corrected areas: 69315088

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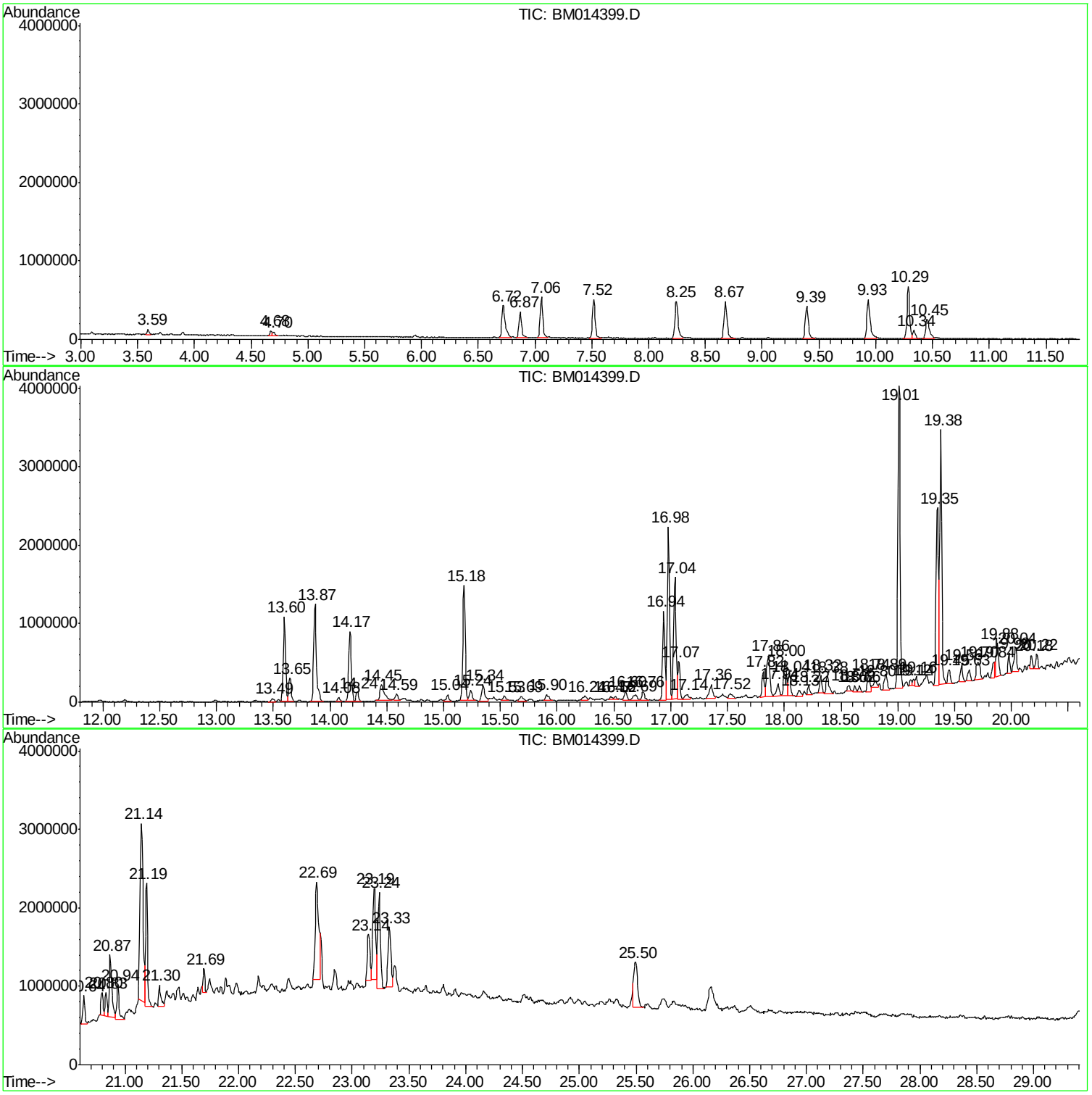
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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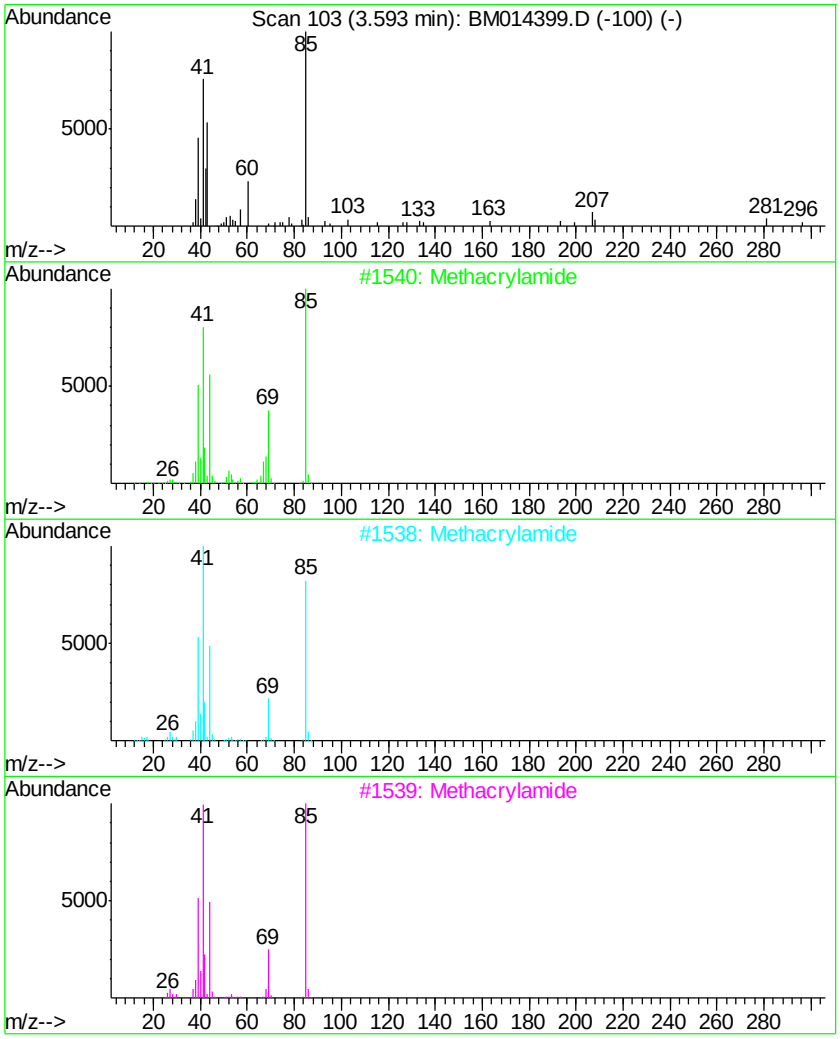
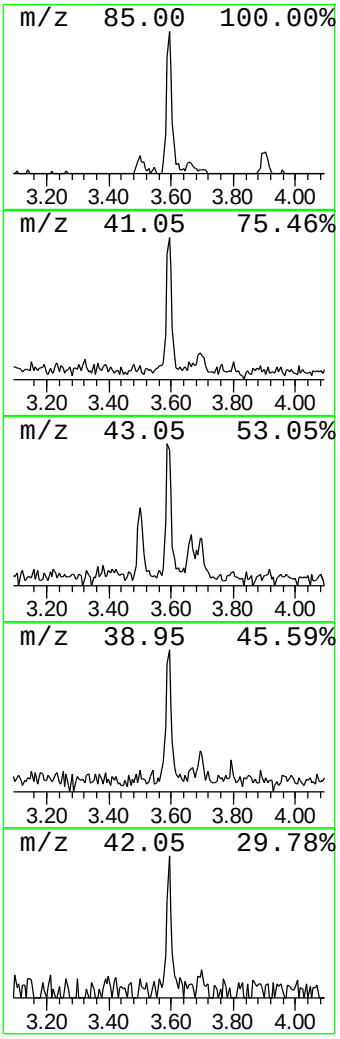
****

Peak Number 1 Methacrylamide Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.59	2.02 ng/ul	78763	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	53
2	Methacrylamide	85	C4H7NO	000079-39-0	53
3	Methacrylamide	85	C4H7NO	000079-39-0	53
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	37
5	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	33





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
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Sample : J1646-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

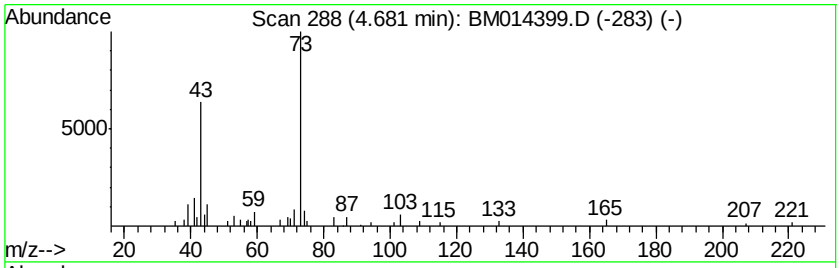
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

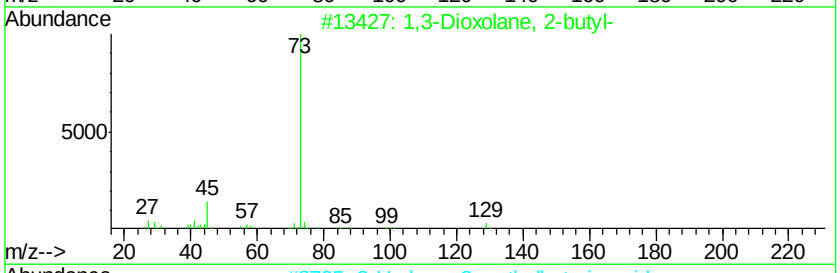
****

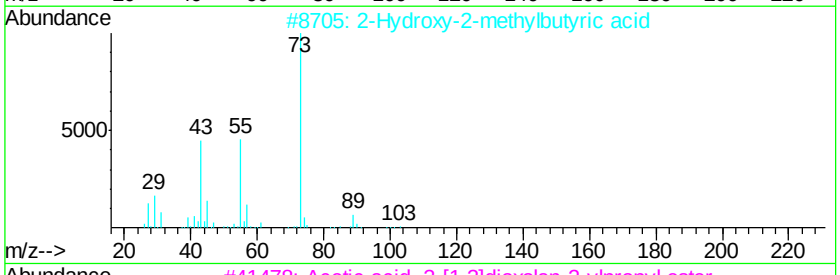
Peak Number 2 unknown-01 Concentration Rank 18

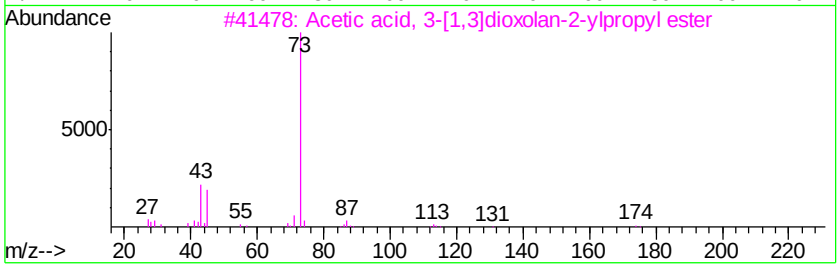
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	2.25 ng/ul	87935	1,4-Dichlorobenzene-d4	7.52

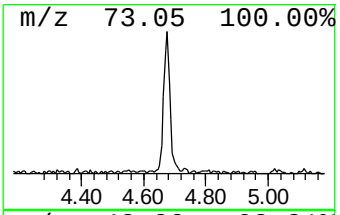
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-butyl-	130	C7H14O2	004360-76-3	38
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	28
3	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	25
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	25
5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9

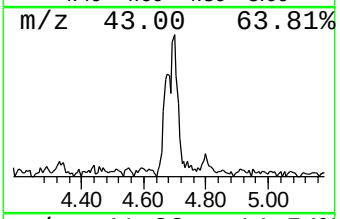


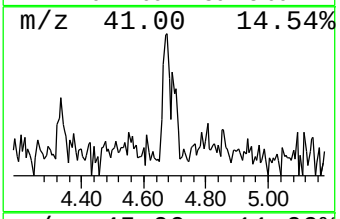


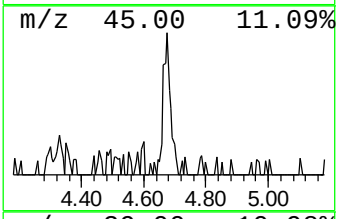


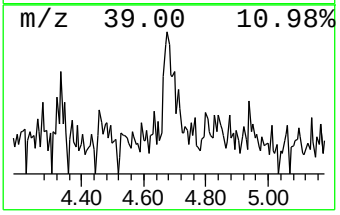












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Quant Title : SVOA CALIBRATION

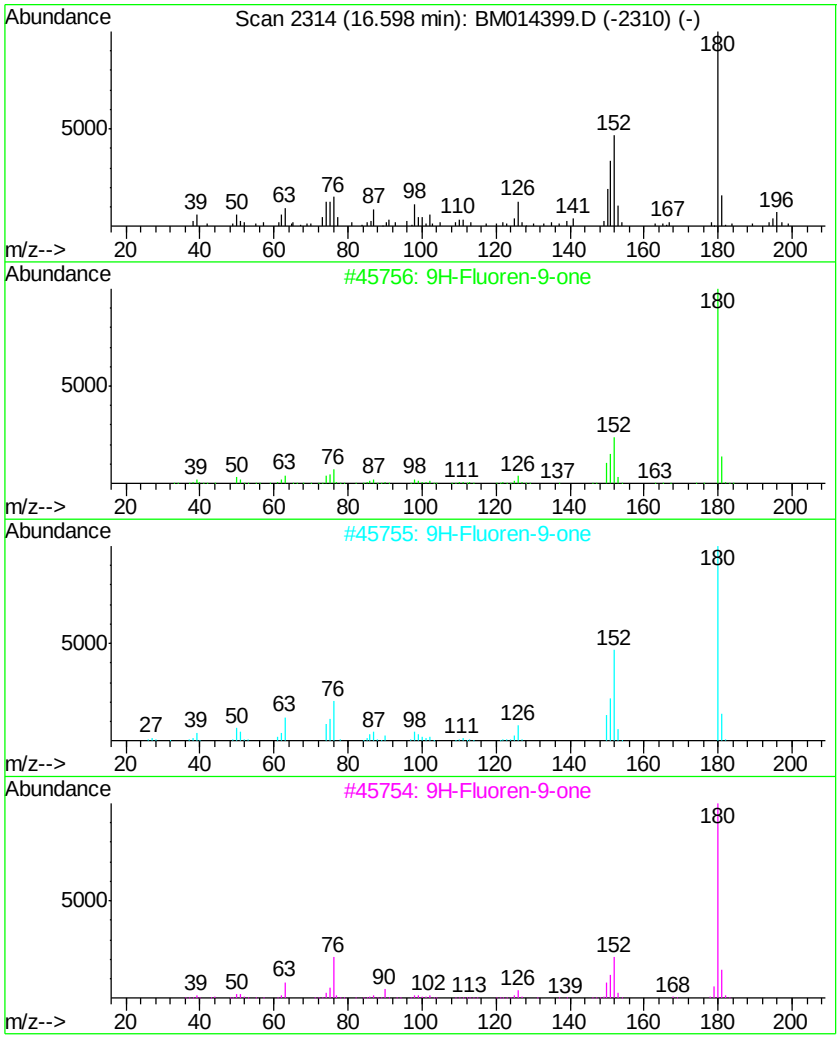
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

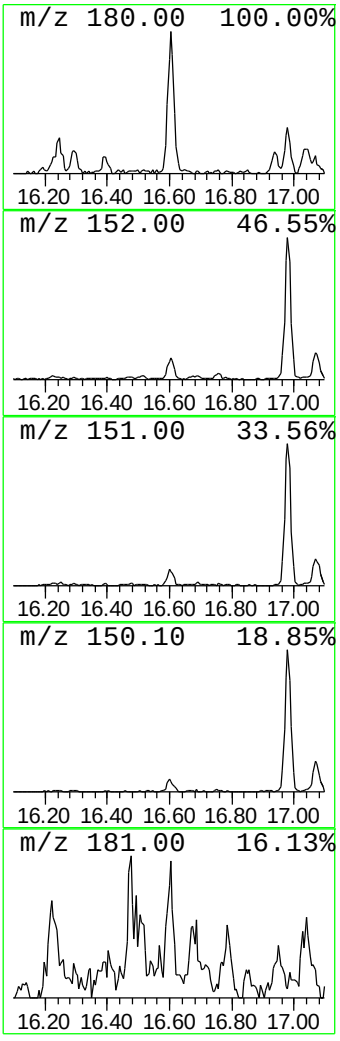
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.19 ng/ul	177747	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	59





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Sample : J1646-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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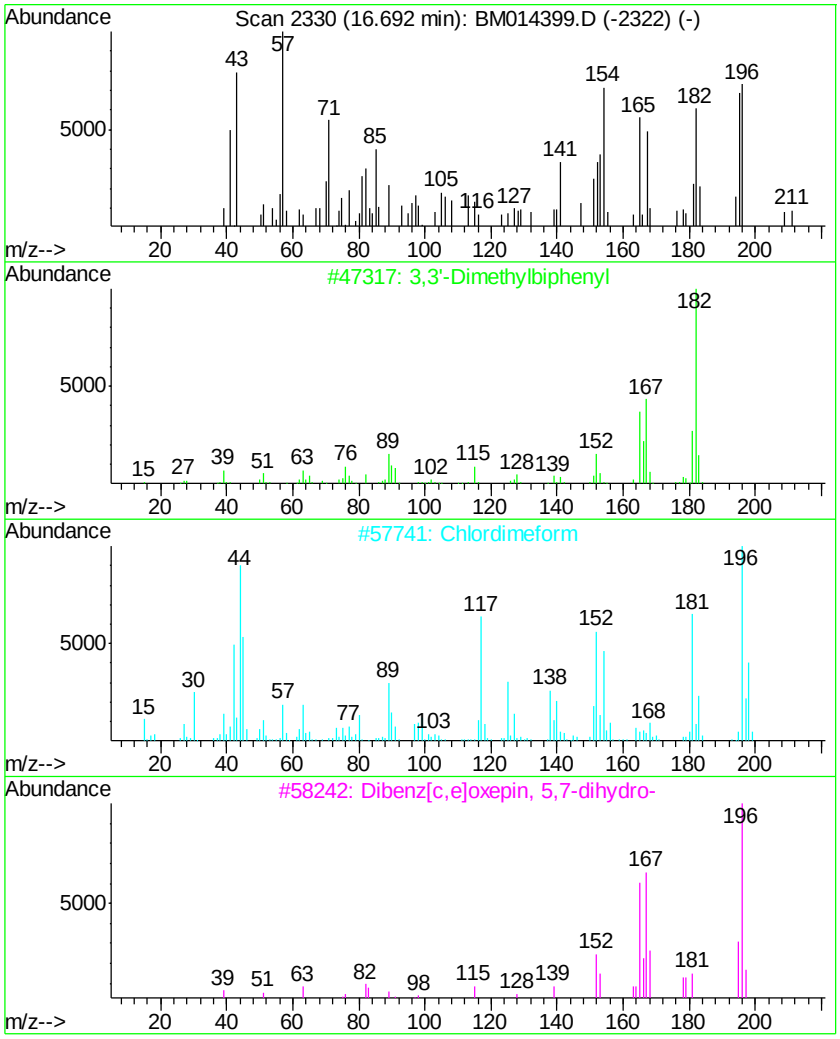
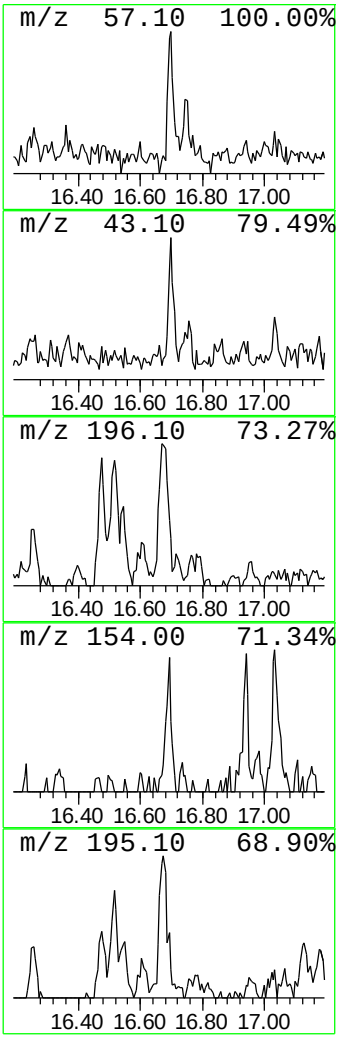
Peak Number 4 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	2.35 ng/ul	190178	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	35
2	Chlordimeform	196	C10H13ClN2	006164-98-3	25
3	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	25
4	Oxirane, 2,3-diphenyl-	196	C14H12O	017619-97-5	22
5	Phenol, 3,5-dimethoxy-, acetate	196	C10H12O4	023133-74-6	18





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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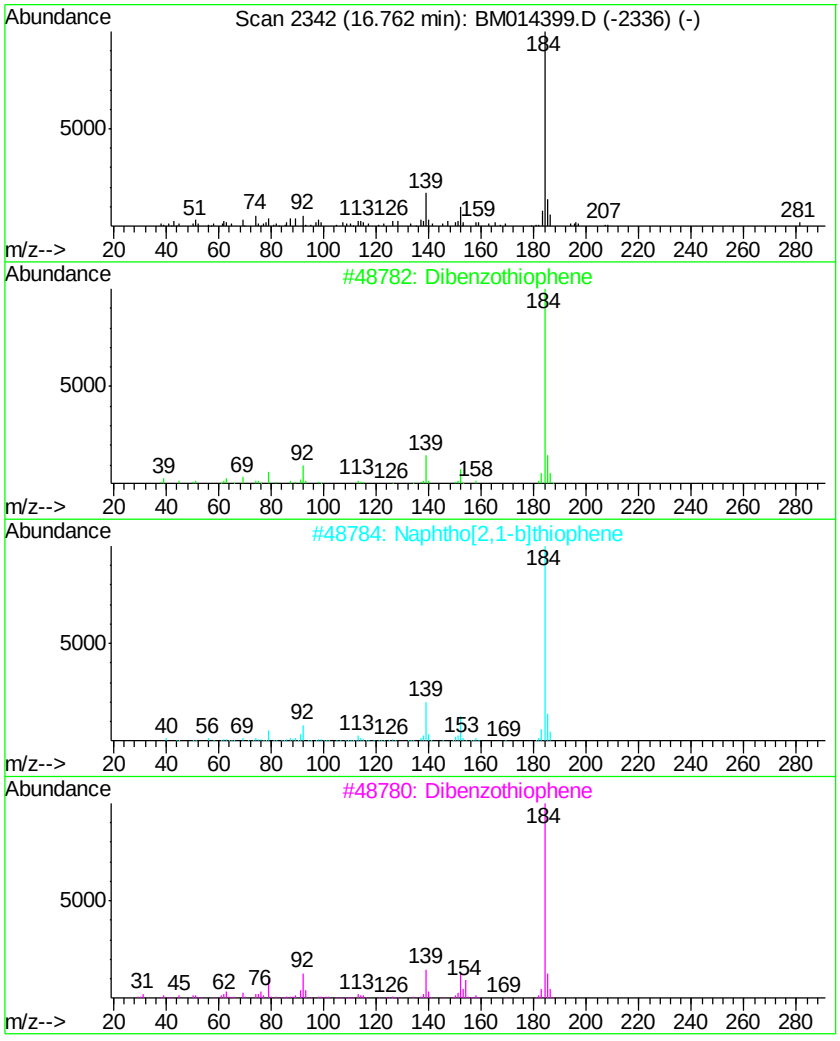
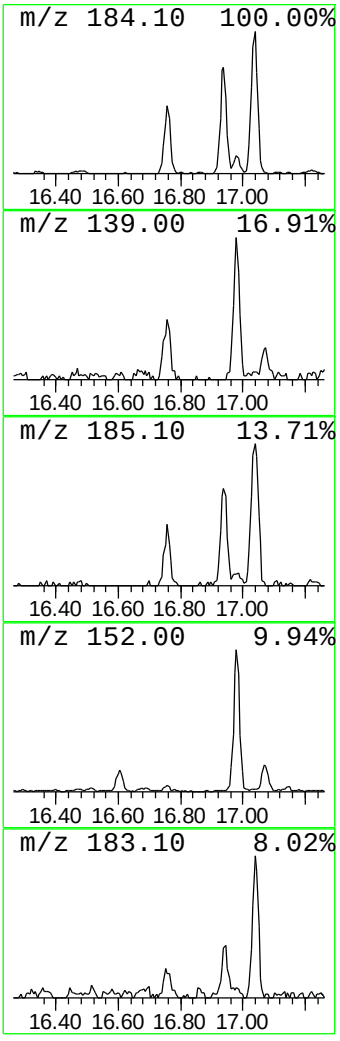
Peak Number 5 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	2.46 ng/ul	199640	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Dibenzothiophene	184	C12H8S	000132-65-0	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





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TIC Library : C:\DATABASE\NIST11.L
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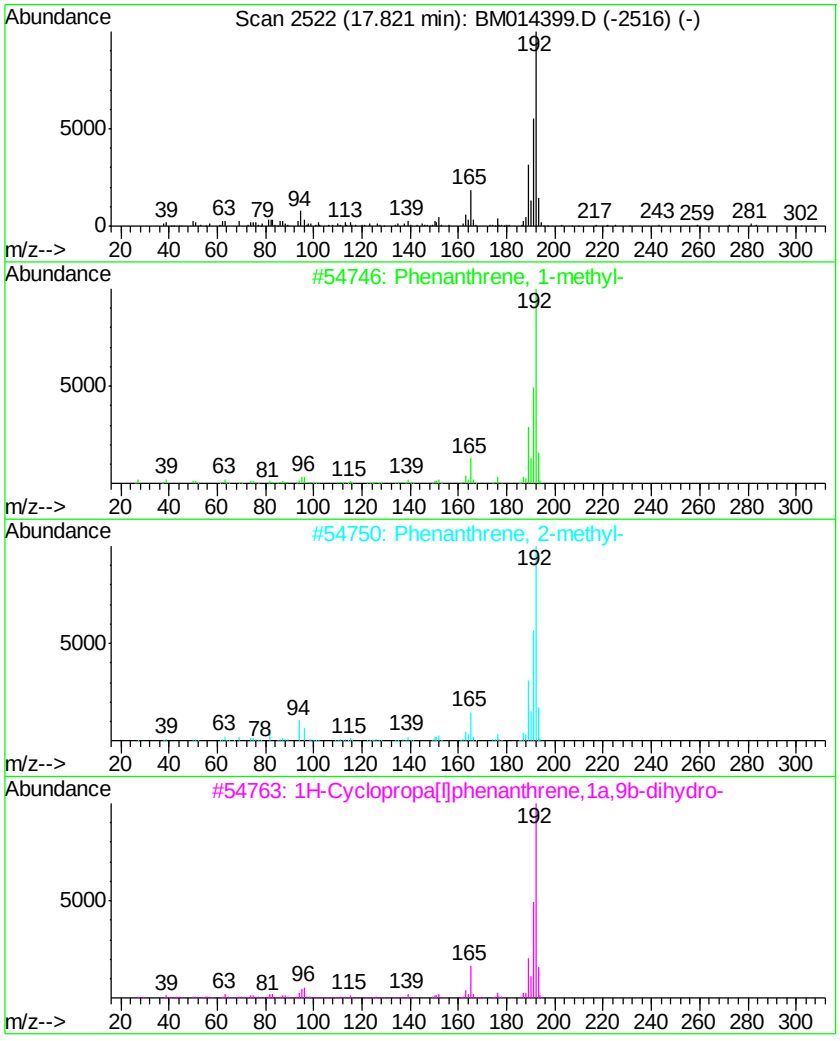
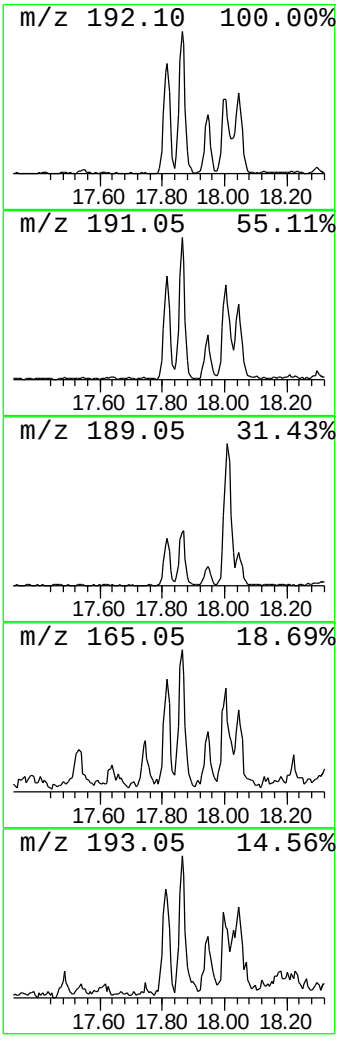
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	6.18 ng/ul	501237	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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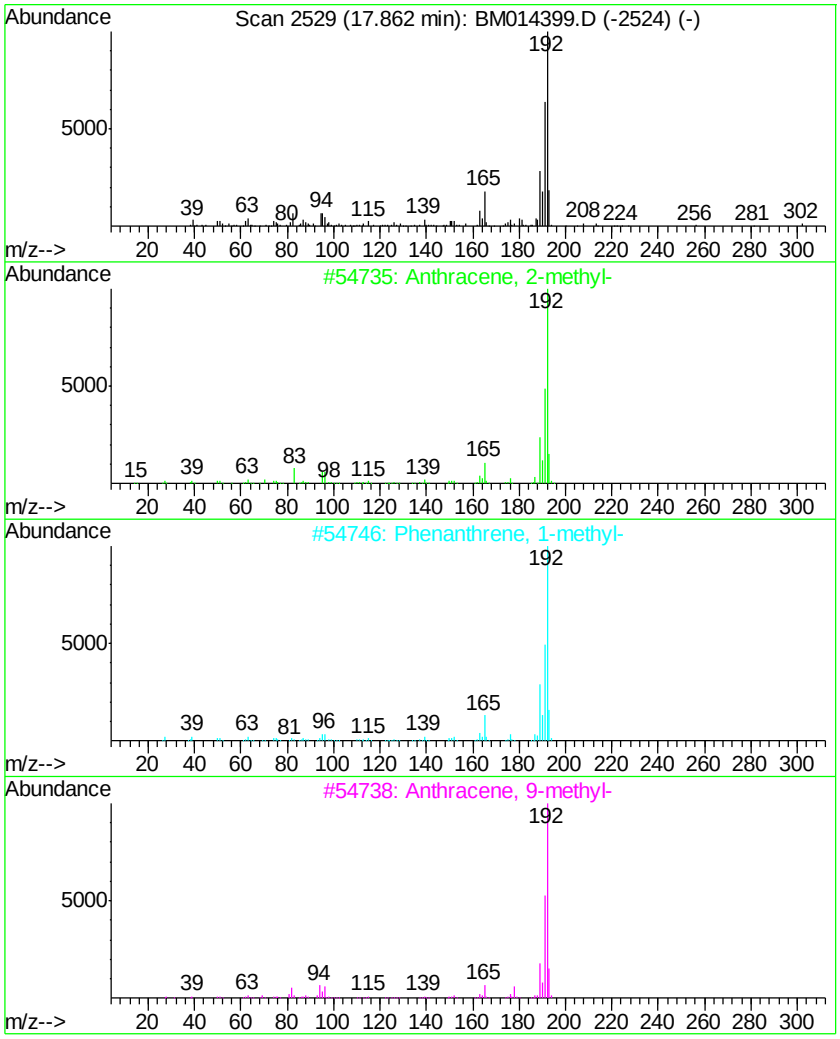
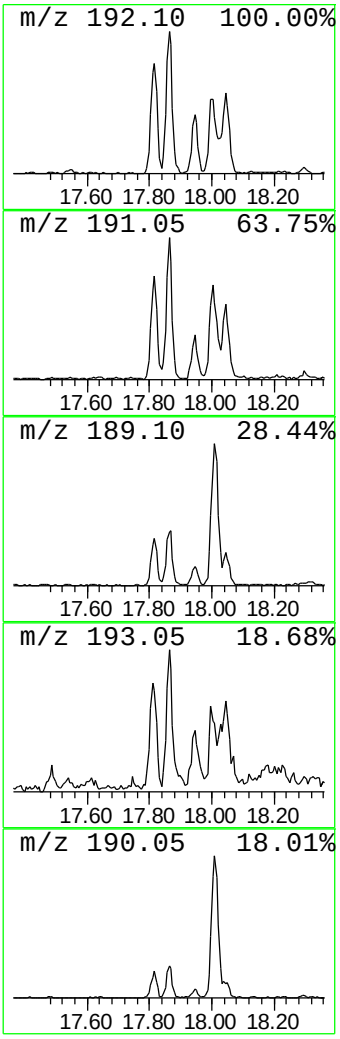
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	12.85 ng/ul	1042290	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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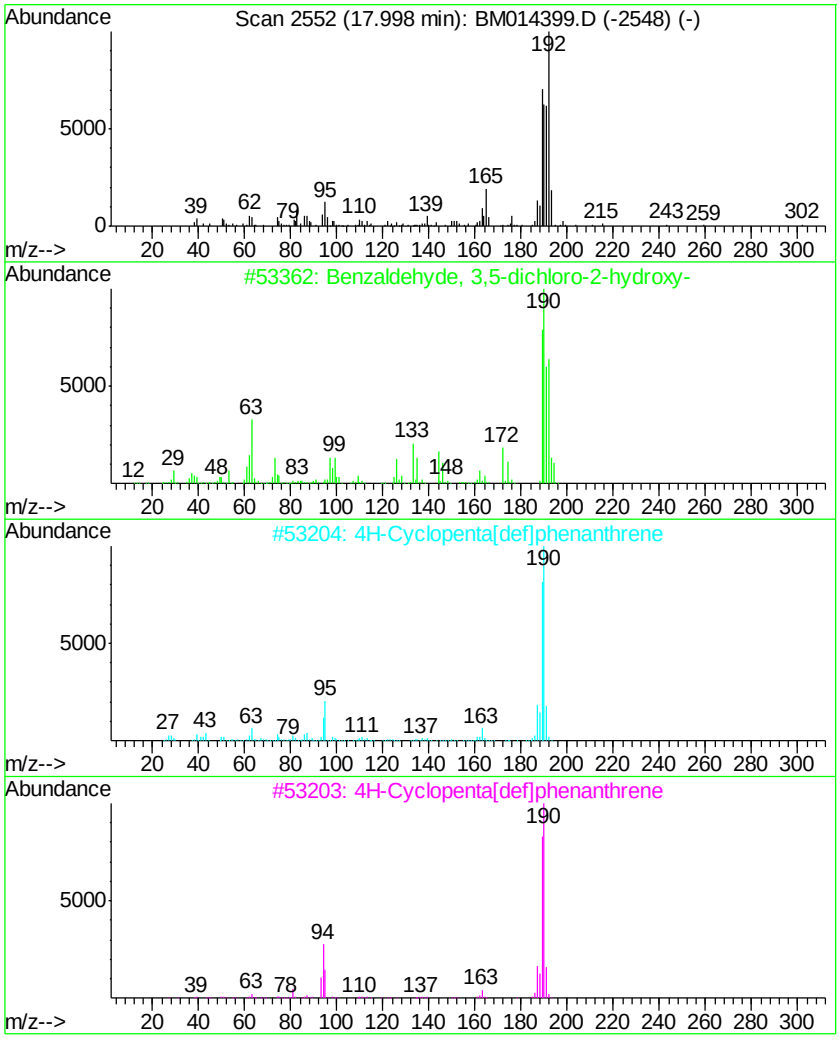
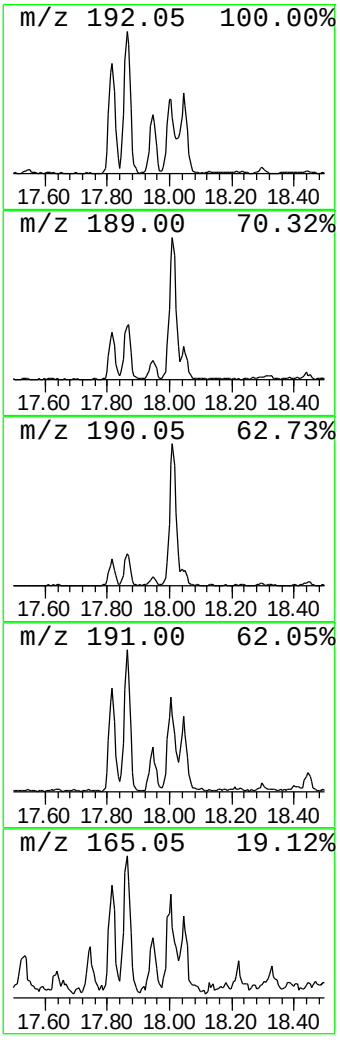
Peak Number 9 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	10.59 ng/ul	858993	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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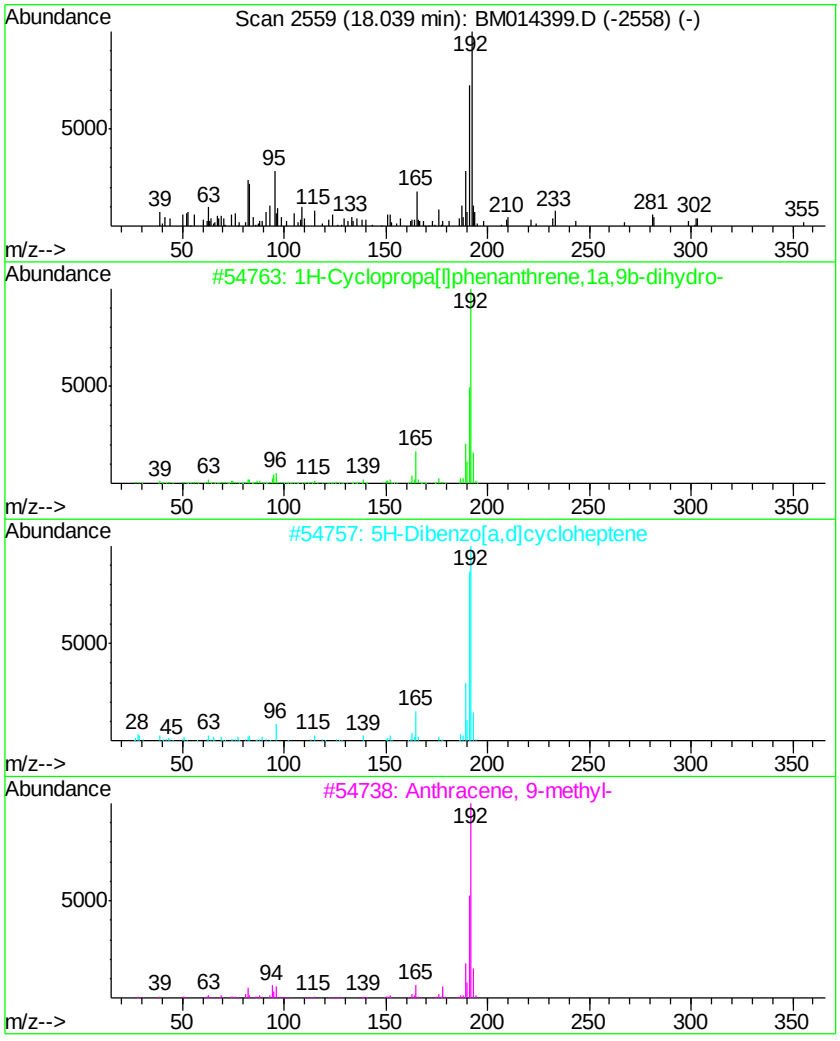
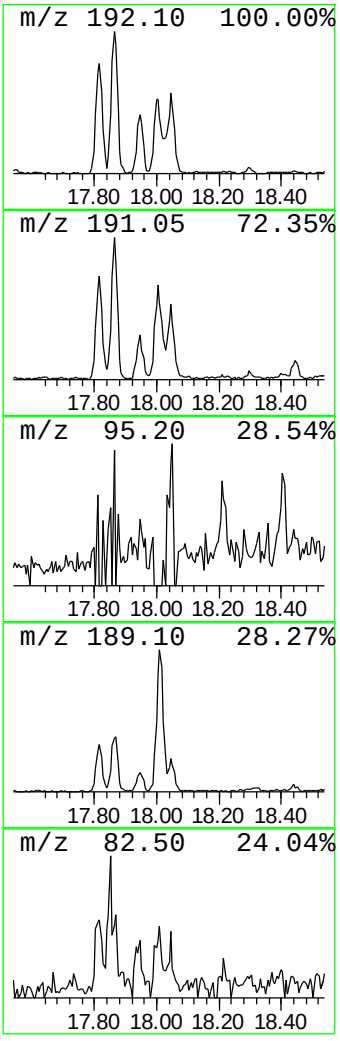
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.83 ng/ul	310947	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	76
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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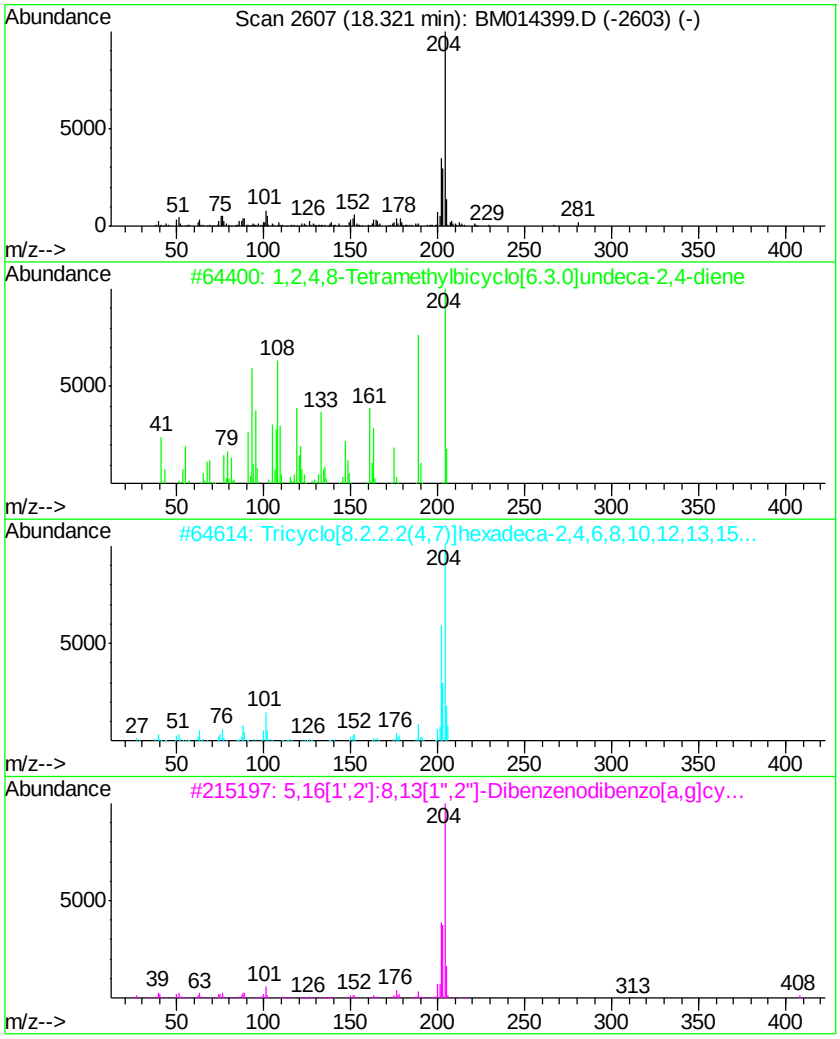
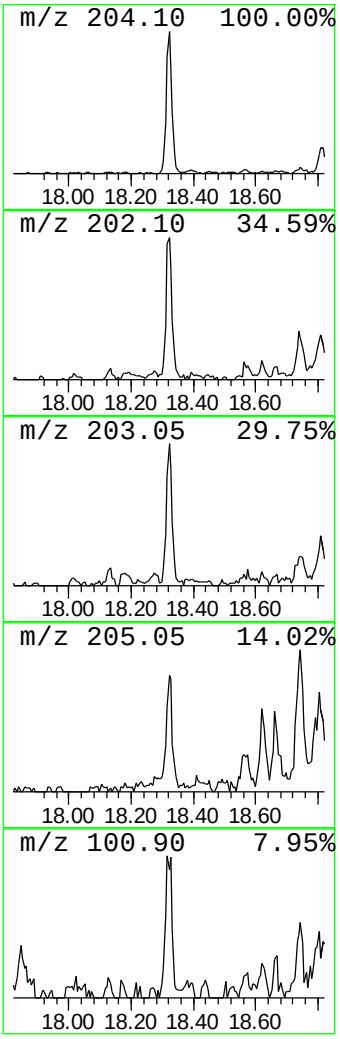
Peak Number 11 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.75 ng/ul	304204	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	91
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	89
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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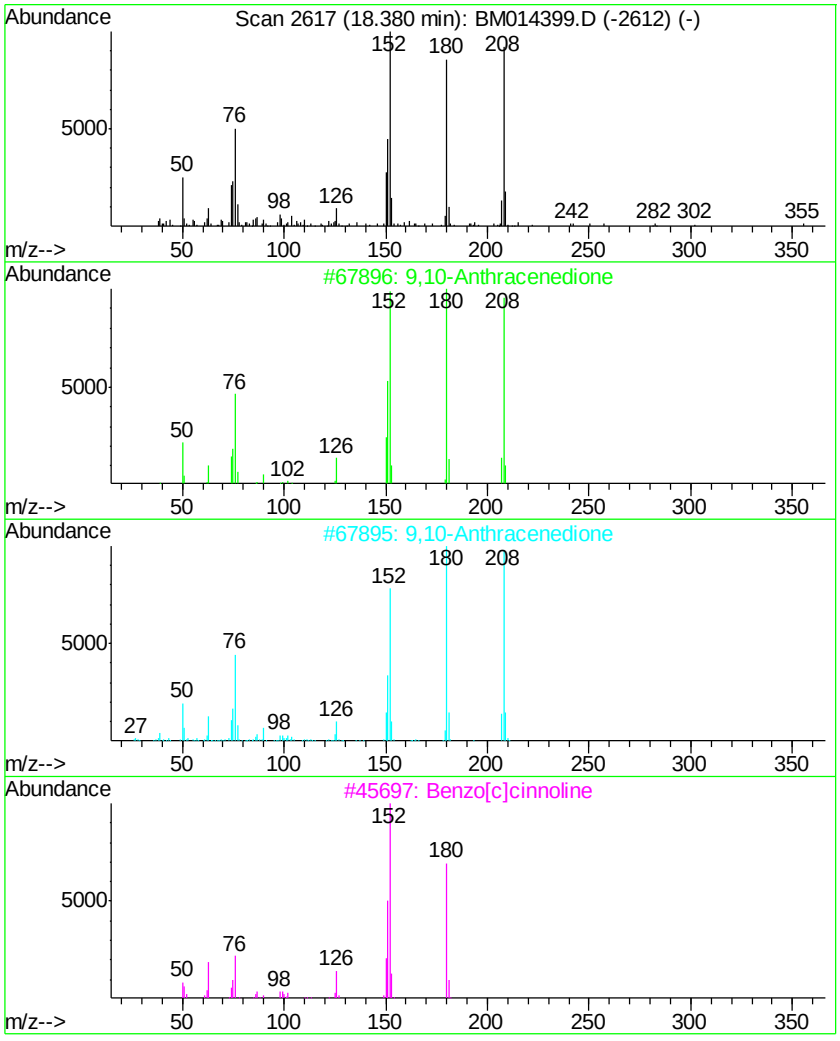
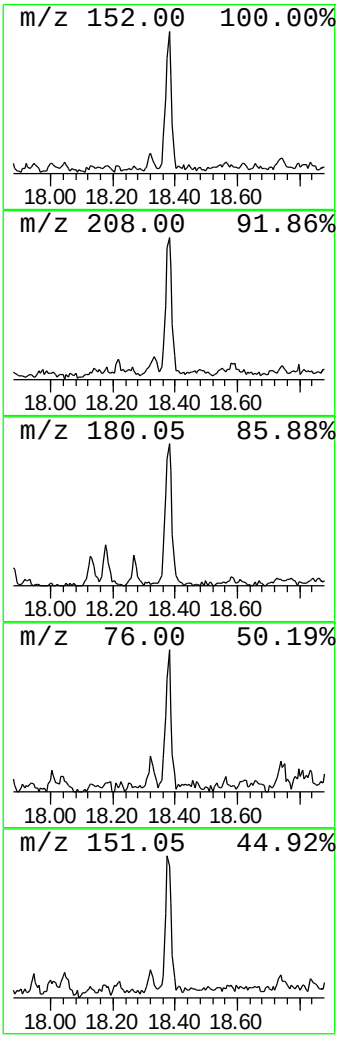
Peak Number 12 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	4.83 ng/ul	391353	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	80
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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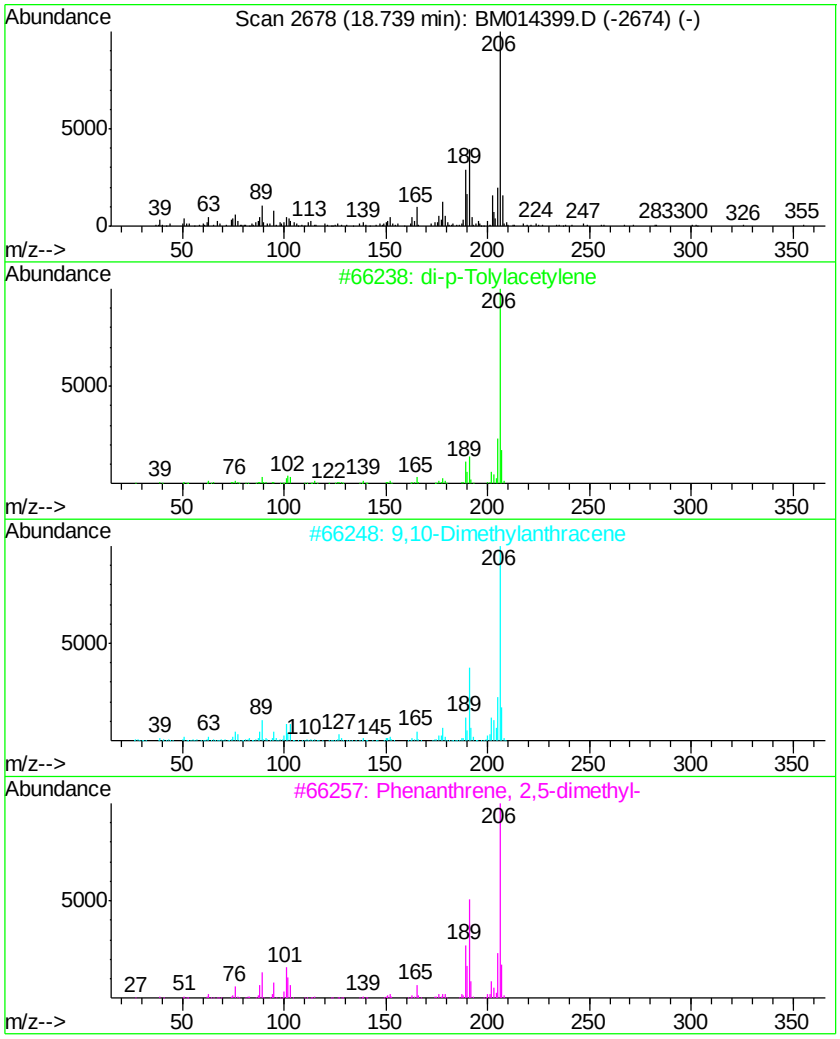
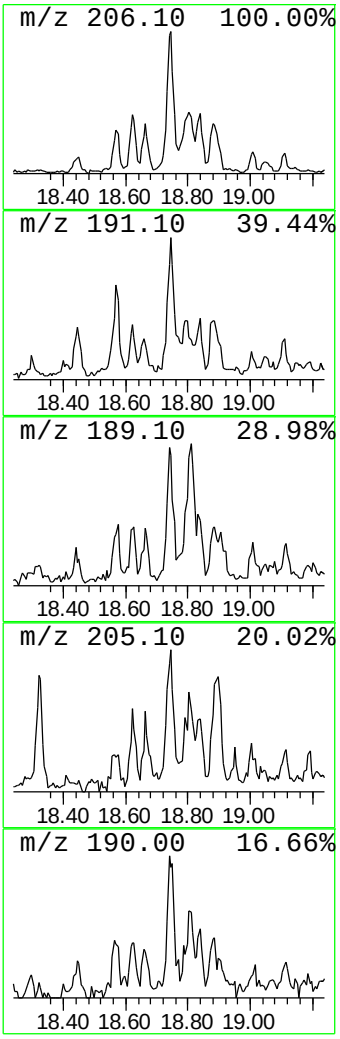
Peak Number 13 di-p-Tolylacetylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	4.30 ng/ul	349033	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91





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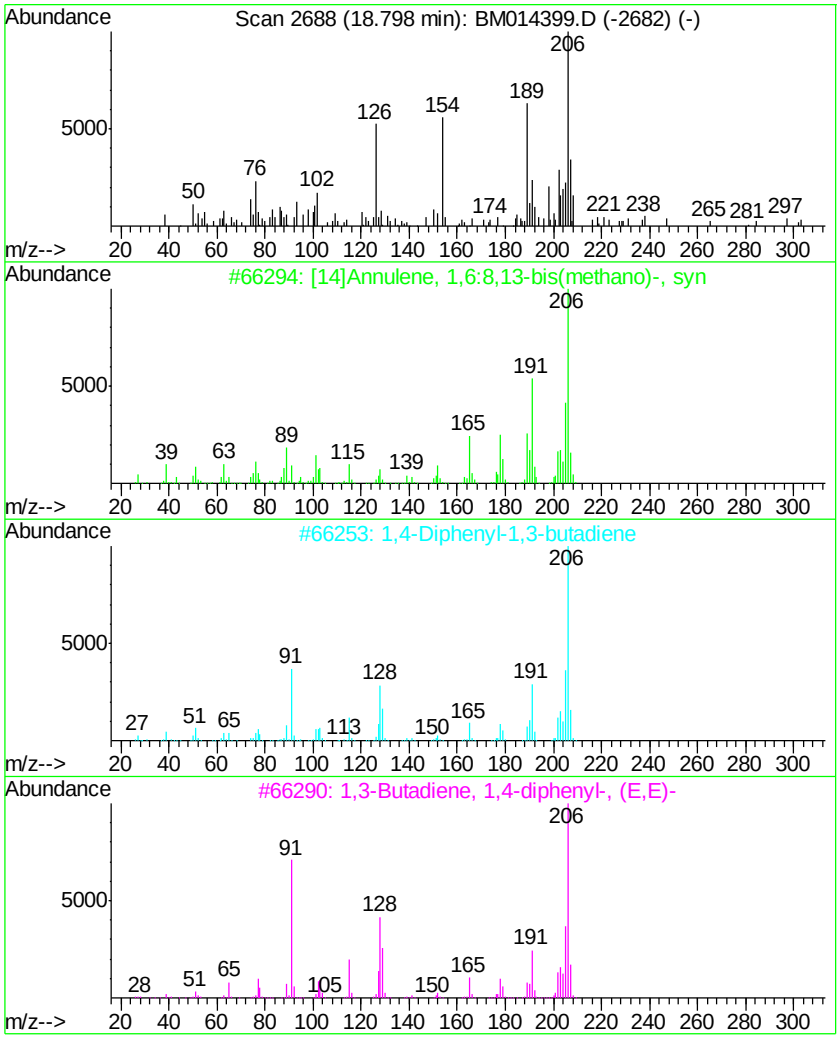
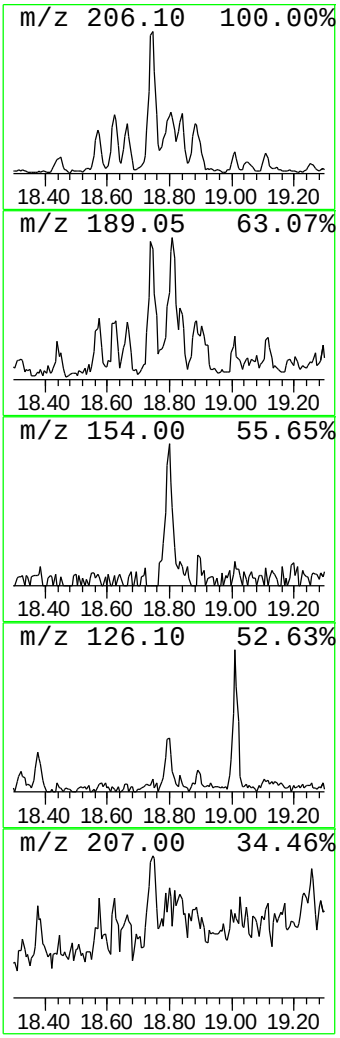
Peak Number 14 unknown-03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	2.20 ng/ul	178236	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	38
2	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	30
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	30
4	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	27
5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	27





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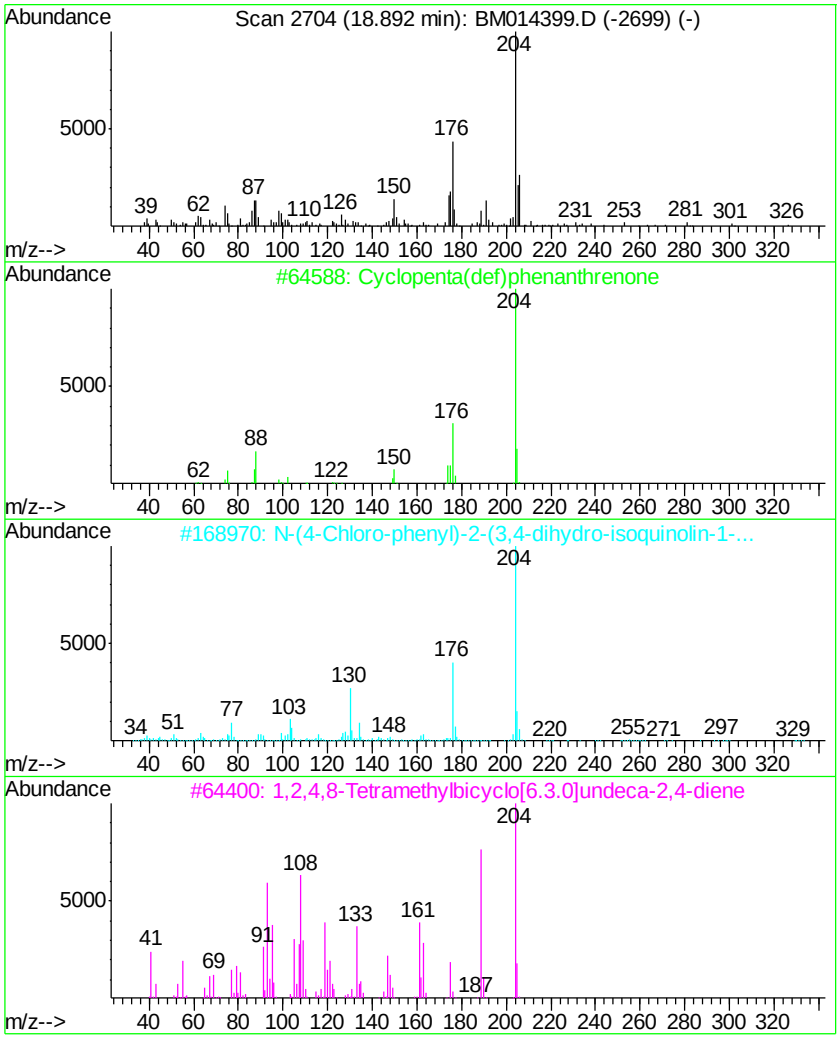
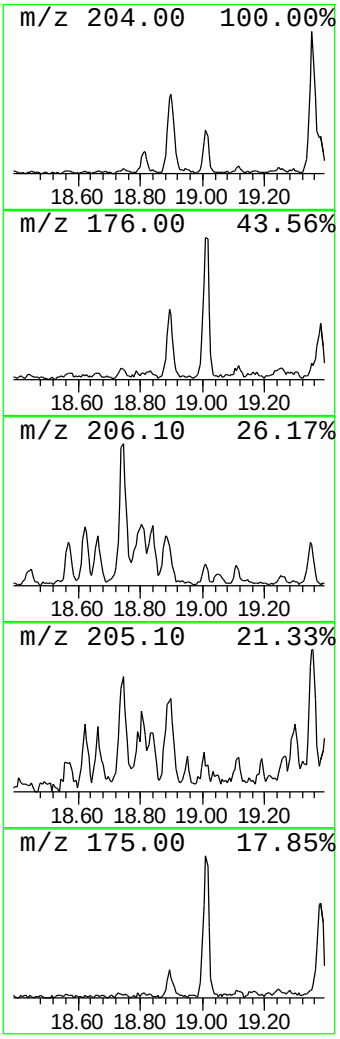
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	4.66 ng/ul	377805	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	50
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





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TIC Integration Parameters: LSCINT.P

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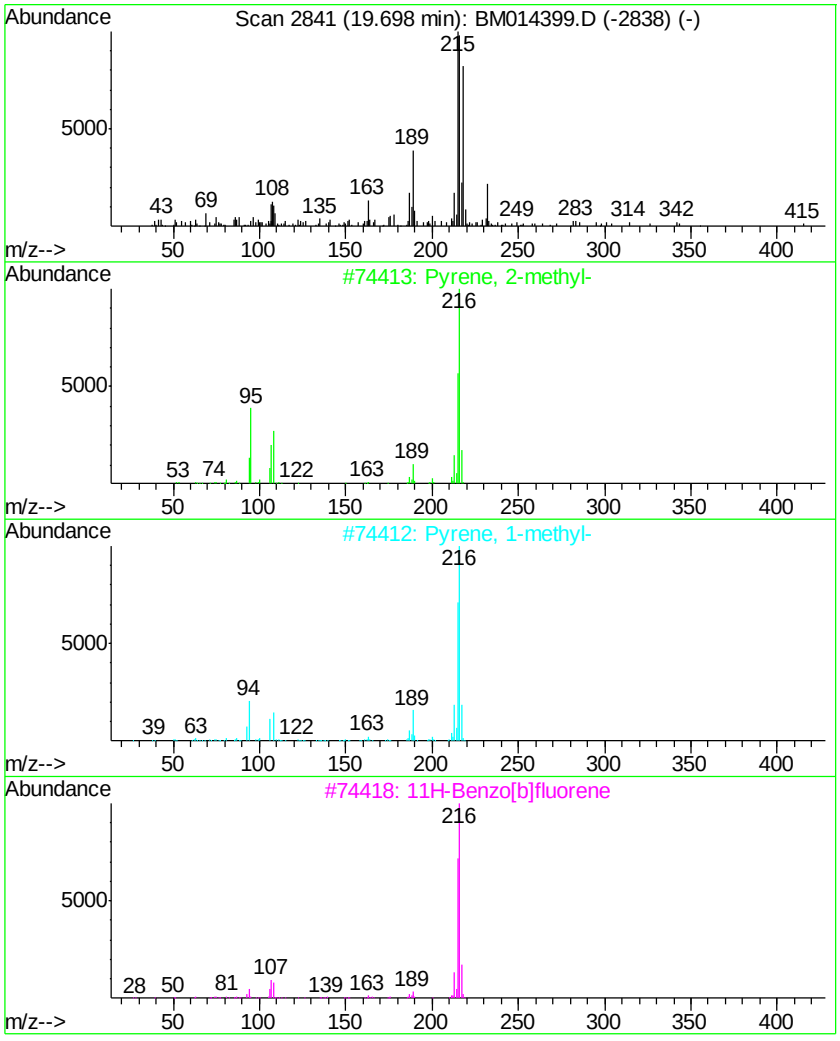
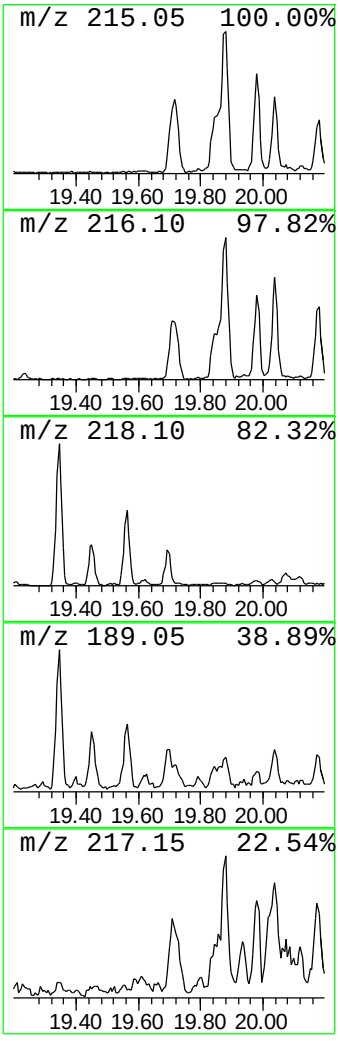
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.31 ng/ul	512273	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





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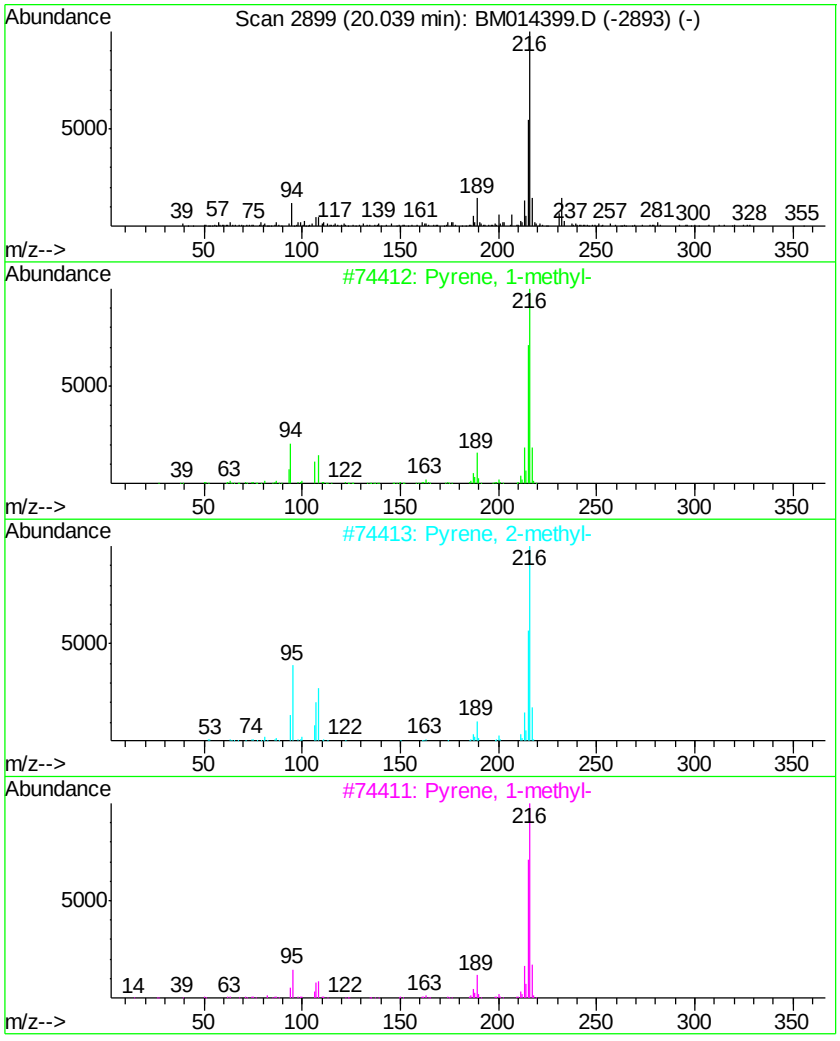
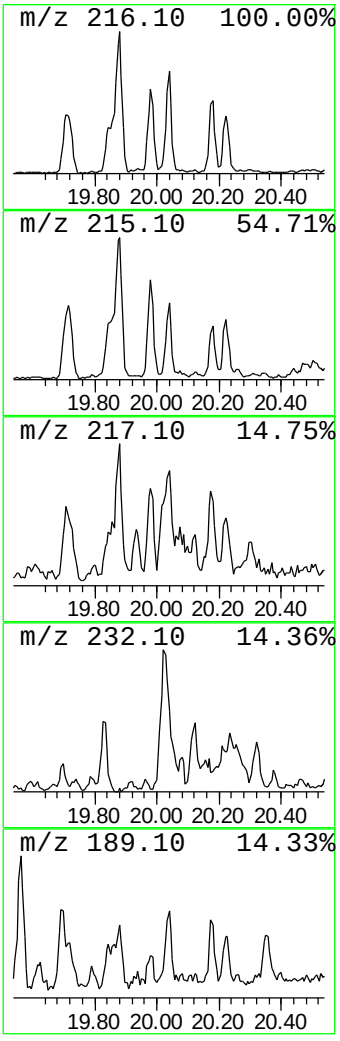
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.43 ng/ul	539346	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Sample : J1646-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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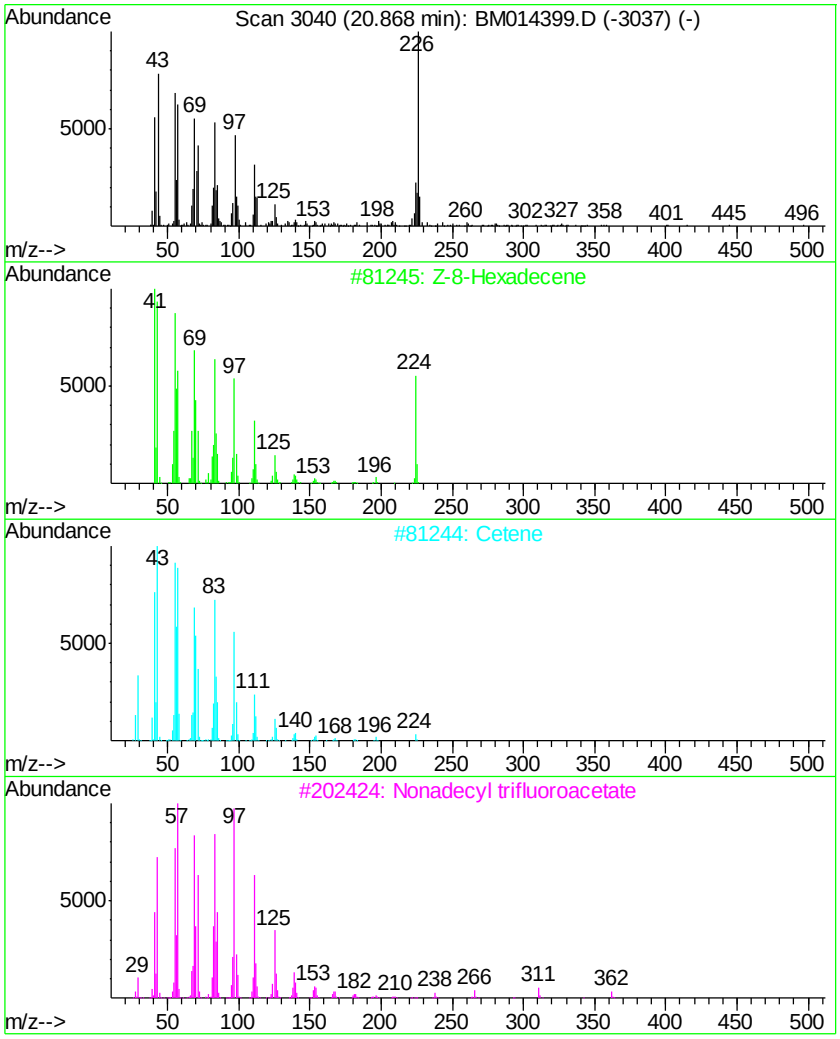
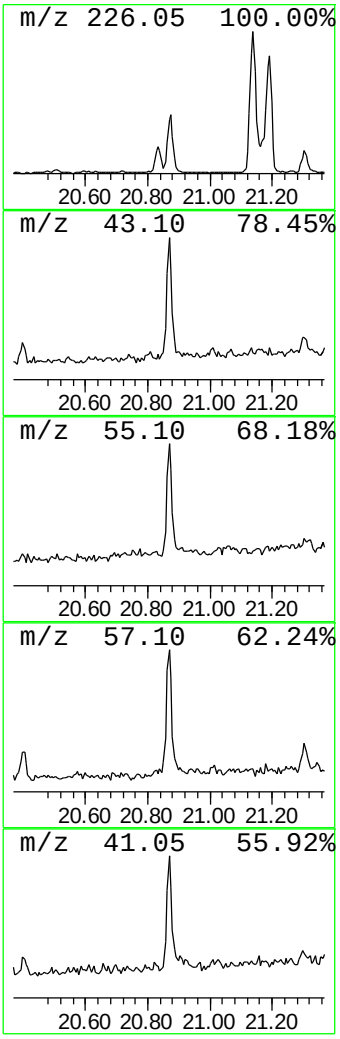
Peak Number 20 (DEL) Alkane: Cyclic20.87 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	5.43 ng/ul	1204340	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-8-Hexadecene	224	C16H32	1000130-87-5	64
2	Cetene	224	C16H32	000629-73-2	56
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	55
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	55
5	1-Docosene	308	C22H44	001599-67-3	55





Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014399.D
Acq On : 28 Feb 2018 12:12
Operator : SJ/JU
Sample : J1646-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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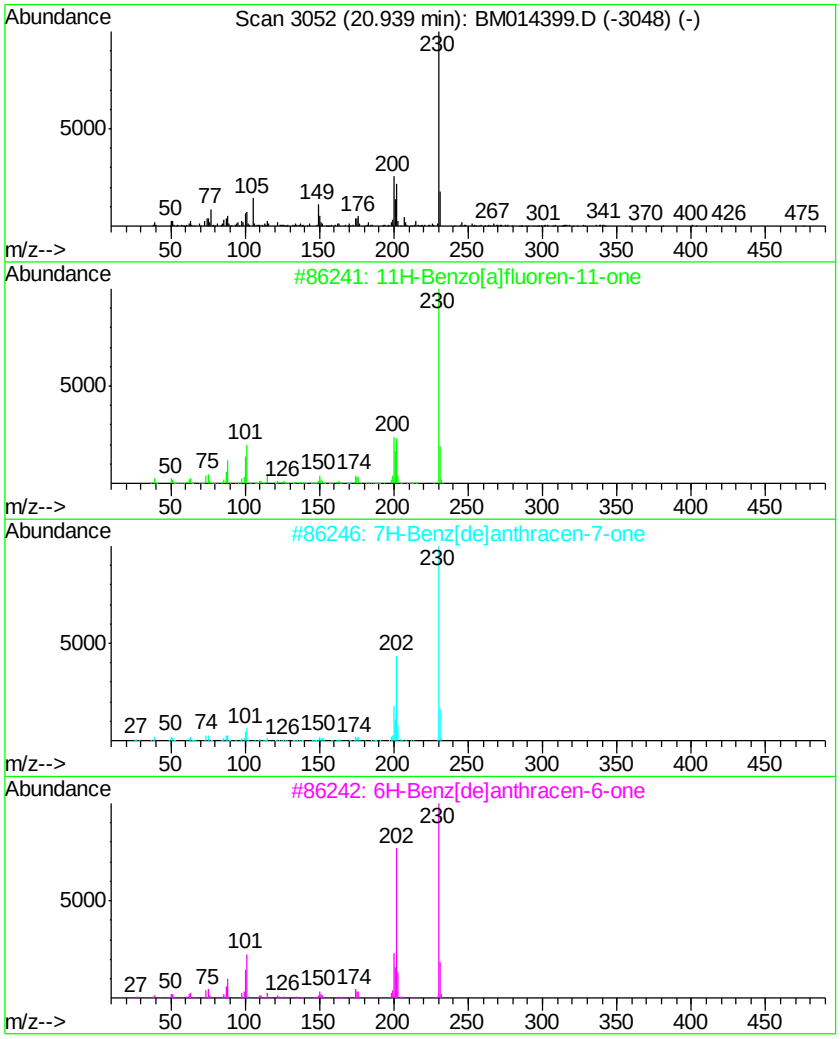
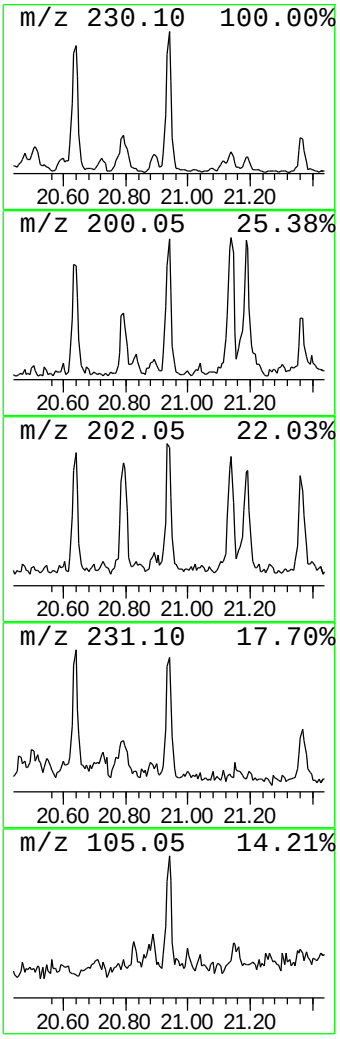
Peak Number 21 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.89 ng/ul	641226	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	68
4	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	58
5	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014399.D
Acq On : 28 Feb 2018 12:12
Operator : SJ/JU
Sample : J1646-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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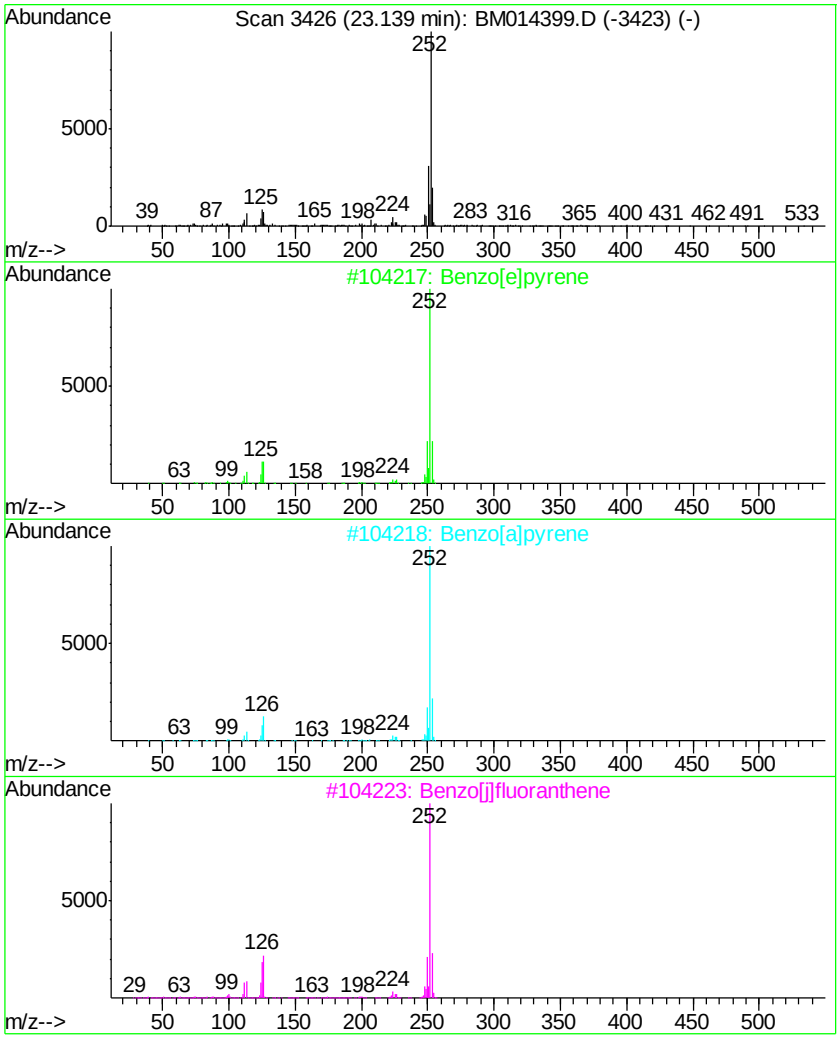
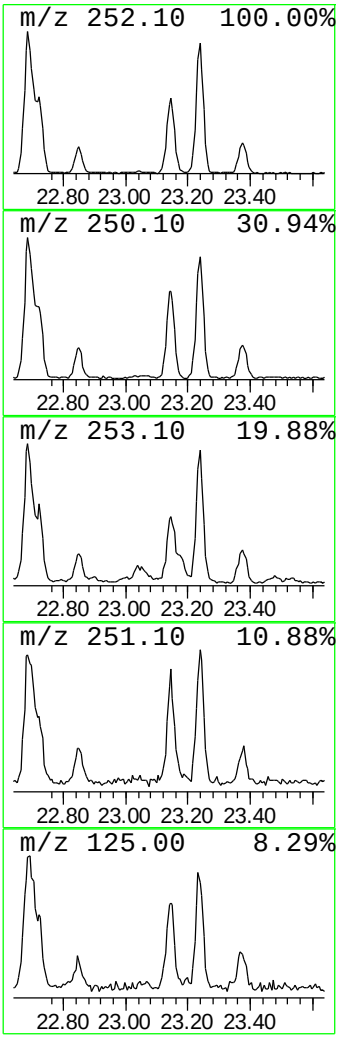
Peak Number 22 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	14.05 ng/ul	981221	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	89
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76
5	Benzo[e]pyrene	252	C20H12	000192-97-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022818\
Data File : BM014399.D
Acq On : 28 Feb 2018 12:12
Operator : SJ/JU
Sample : J1646-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methacrylamide	3.59	2.0	ng/ul	78763	1	7.52	781013	20.0
unknown-01	4.68	2.3	ng/ul	87935	1	7.52	781013	20.0
9H-Fluoren-9-one	16.60	2.2	ng/ul	177747	4	16.94	1621860	20.0
unknown-02	16.69	2.4	ng/ul	190178	4	16.94	1621860	20.0
Dibenzothiophene	16.76	2.5	ng/ul	199640	4	16.94	1621860	20.0
Phenanthrene, 1-m...	17.82	6.2	ng/ul	501237	4	16.94	1621860	20.0
Anthracene, 2-met...	17.86	12.9	ng/ul	1042290	4	16.94	1621860	20.0
Benzaldehyde, 3,5...	18.00	10.6	ng/ul	858993	4	16.94	1621860	20.0
1H-Cyclopropa[l]p...	18.04	3.8	ng/ul	310947	4	16.94	1621860	20.0
1,2,4,8-Tetrameth...	18.32	3.8	ng/ul	304204	4	16.94	1621860	20.0
9,10-Anthracenedione	18.38	4.8	ng/ul	391353	4	16.94	1621860	20.0
di-p-Tolylacetylene	18.74	4.3	ng/ul	349033	4	16.94	1621860	20.0
unknown-03	18.80	2.2	ng/ul	178236	4	16.94	1621860	20.0
Cyclopenta(def)ph...	18.89	4.7	ng/ul	377805	4	16.94	1621860	20.0
Pyrene, 2-methyl-	19.70	2.3	ng/ul	512273	5	21.15	4432200	20.0
Pyrene, 1-methyl-	20.04	2.4	ng/ul	539346	5	21.15	4432200	20.0
(DEL) Alkane: Cyc...	20.87	5.4	ng/ul	1204340	5	21.15	4432200	20.0
11H-Benzo[a]fluor...	20.94	2.9	ng/ul	641226	5	21.15	4432200	20.0
Benzo[e]pyrene	23.14	14.1	ng/ul	981221	6	23.33	1397130	20.0